"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, I.Ye., vrach (Vladivostok)

Heroic deed of sanitary instructor Zinaida Tusnolobova. Med. sestra 18 no.2:45-48 F '59. (MIRA 12:2)
(TUSNOLOBOVA, ZINAIDA MIKHAILOVNA)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, L., gvardii mayor med.sluzhby.

Medical training of the personnel. Voen.vest. 33 no.4:67-68 Ap '54.
(MIRA 12:3)

(FIRST AID IN ILLNESS AND INJURY)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, L.

Innovations in architectural design. NTO 2 no.7:44 Jl '60.
(MIRA 13:7)

1. Predsedatel' soveta Nauchno-tekhnicheskogo obshchestva instituta "Estonproyekt," Tallinn.
(Tallin--Architecture--Designs and plans)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, L., sud'ya vsesoyuznoy kategorii

Make better use of ranges for air rifles. Voen.znan. 37 no.7:34 Jl '61. (MIRA 14:6)

(Rifle ranges)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, L.A. (Magnitogorsk)

Labor hygiene problems in steel wire-drawing production. Gig.truda i prof.zab. 3 no.5:50-52 S-O '59. (MIRA 13:2)

1. Gorodskaya sanitarno-epidemiologicheskaya stantsiya.
(WIRE DRAWING--HYGIENIC ASPECTS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SHPIRYANYY, L. M. Cand. Tech. Sci.

Dissertation: "Floors and Roads for Industrial Enterprises Out of Ground-Asphalt Mixtures." Central Sci Res Inst of Industrial Structures--TsNIPS, 23 Dec 47.

SO: Vechernyaya Moskva, Dec, 1947 (Project #17836)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, L.M., kand.tekhn.nauk

Soil stabilization in road and airport construction abroad. Opyt stroi. no.9:66-88 '57. (MIRA 11:6)
(Soil stabilization) (Airports) (Road construction)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Geographical science in Sweden. Izv. AN SSSR. Ser. geog. no.4:114-122 Jl-Ag '57. (MIRA 11:1)

1. Institut geografii AN SSSR.
(Sweden--Geography--Study and teaching)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L. R.

AUTHOR: Serebryannyy, L.R. 10-58-2-19/30

TITLE: New Works of Swedish and Norwegian Scientists on the Origin of the Preglacial Relief in Fennoscandia (Novyye trudy shvedskikh i norvezhskikh uchënykh o proiskhozhdenii dolednikovogo rel'yefa Fennoskahdii)

PERIODICAL: Izvestiya Akademii nauk SSSR - Seriya geograficheskaya, 1958, Nr 2, pp 135-139 (USSR)

ABSTRACT: The author describes the opinion held by some Swedish and Norwegian scientists on the origin of the preglacial relief in Fennoscandia. There are 9 references, of which 2 are Soviet, 2 German, 2 Norwegian, 2 Swedish and 1 French.

ASSOCIATION: Institut geografii AN SSSR (Institute of Geography of the AS USSR)

1. Preglacial relief—Origin

Card 1/1

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SOV/10-58-6-12/21

AUTHOR: Leont'yev, N.F., Martynova, Z.I. and Serebryannyy, L.R.

TITLE: A Review of US Topographical Maps from a Geographical Point of View (Geograficheskaya otsenka topograficheskikh kart SShA)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958, Nr 6, p 113-119 (USSR)

ABSTRACT: The authors review the published topographical maps of the US and find that these maps have many defects. As these maps were produced by different departments, the legends vary, and many topographic elements are missing. Very little attention is paid to the mapping of the soil-vegetative cover. Hydrographical data are also insufficiently reproduced. If the soil relief is reproduced meticulously, the river net is reproduced only schematically. The authors find that aerial photography is

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

A Review of US Topographical Maps from a Geographical Point of View

not adequately utilized for the preparation of US maps. To a certain degree, this shortage of good maps can be explained by the insufficient preparation of necessary specialists in American schools. There are 14 references, 6 of which are Soviet and 8 American.

ASSOCIATION: Institut geografii AN SSSR (The Institute of Geography of the AS USSR)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SOV/10-58-6-17/21

AUTHOR: Leont'yev, N.F. and Serebryannyy, L.R.

TITLE: The Study of Problems of Physical-Geographical Mapping (K izucheniyu voprosov fiziko-geograficheskogo kartografirovaniya)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1958, Nr 6, p 140-143 (USSR)

ABSTRACT: This is a review of the first volume of the book by A.G. Isachenko, published under the title "Physical-Geographical Mapping".

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Development of geography in Denmark. Vop.geog. no.44:228-239 '58. (MIRA 12:5)
(Denmark--Geography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, Leonid Ruvimovich; LAVRENT'YEVA, Ye.V., red.; VILENSKAYA, E.N., tekhn.red.

[The land of fire and ice] Strana ognia i l'da. Moskva, Gos. izd-vo geogr.lit-ry, 1959. 28 p. (MIRA 12:10)
(Iceland--Description and travel)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

GOKHMAN, V.; KARPOV, L.; KOVALEVSKIY, V.; SEREBRYANNYY, L.R.; CHIZHOV, N.N., red.; VILENSKAYA, E.N., tekhn.red.

[U.S.A., Canada, Alaska, Greenland] SShA, Kanada, Aliaska, Grenlandiia. Moskva, Gos.izd-vo geogr.lit-ry, 1959. 55 p. (MIRA 12:6)

(United States) (Canada) (Alaska) (Greenland)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

3(5) SOV/10-59-3-25/32

AUTHOR: Serebryannyy, L.R.

TITLE: New Books on the Regional Geography of Northern Europe

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 3, pp 137-138 (USSR)

ABSTRACT: This is a review of 2 French and 1 American publication concerning the regional geography of Northern Europe.

ASSOCIATION: Institut geografii AN SSSR (Institute of Geography, AS USSR)

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

3(5) SOV/10-59-4-18/29

AUTHOR: Serebryannyy, L.R.

TITLE: Review of the "Quaternaria" Symposium, Published by the International Association for the Research of Quaternary Period, the INQUA

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geograficheskaya, 1959, Nr 4, pp 131-135 (USSR)

ABSTRACT: This is a review of the above-mentioned symposium published in Rome, Italy. Among other things, it mentions Soviet authors V.P. Grichuk and V.G. Bondarchuk who made contributions to this publication. There is 1 table.

ASSOCIATION: Institut geografii AN SSSR (Institute of Geography AS USSR)

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

"Atlas of Sweden" [in Swedish]. Reviewed by L.P.Serebriannyi. Izv.AN SSSR.Ser.geog. no.4:125-128 Jl-Ag '60. (MIRA 13:7)

1. Institut geografii AN SSSR.
(Sweden--Atlases)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

RICHTER, G.D., doktor geogr. nauk, otv. red.; VELICHKO, A.A., red.; LILIYENBERG, D.A., red.; SEREBRYANNYY, L.R., red.; CHIKISHEV, A.G., red.

[Geographical reports; materials of the Sixth Conference of the Young Scientists of the Institute of Geography of the Academy of Sciences of the U.S.S.R.]Geograficheskie soobshcheniia; materialy VI konferentsii molodykh uchenykh Instituta geografii AN SSSR. Moskva, Akad.nauk SSSR, 110 p. (MIRA 15:8)

1. Akademiya nauk SSSR. Institut geografii.
(Geography---Congresses)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.; VINOGRADOV, A.P., akademik, otv. red.; NEYSHTADT, M.I., doktor geogr. nauk, red.; SPRYGINA, L.I., red. izd-va; VOLKOVA, V.G., tekhn. red.

[Radiocarbon dating and its use for the study of Quaternary paleogeography; for the Sixth Congress of INQUA in Warsaw, 1961] Radiouglerodnyi metod i ego primenenie dlia izucheniia paleogeografii chetvertichnogo perioda; k shestomu kongressu INQUA v Varshave 1961. Moskva, Izd-vo Akad. nauk SSSR, 1961. 225 p. (MIRA 14:9)
(Radiocarbon dating) (Paleogeography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

AL'MAN, Kh.V. [Ahlmann, H.W.] (Shvetsiya); S[illegible]MAN, L.E. [translator]

Deglaciation in the northern part of Sweden. Izv. AN SSSR. Ser. geog. no.1:40-47 Ja-F '61. (MIRA 14:2)
(Sweden—Glaciers)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.; AL'MANN, Khans V. [Ahlmann, H.W.]

Visit of Swedish geography H.W.Ahlman in the Soviet Union. Izv. AN SSSR. Ser. geog. no.1:172-173 Ja-F '61. (MIRA 14:2)
(Russia—Relations (General) with Sweden)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Review of a collection of reports on the Quaternary geology and paleogeography, published for the 21st session of the International Geological Congress. Izv. AN SSSR. Ser.geog. no.2:110-114 Mr-Ap '61. (MIRA 14:3)

1. Institut geografii AN SSSR.
(Geology, Stratigraphic)(Paleogeography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Cartography of north European countries. Izv.Vses.geog.ob-va 93 no.5:444-448 S-O '61. (MIRA 14:10)
(Scandinavia--Maps)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

The science of geography in Norway. Izv. AN SSSR. Ser. geog. no.6:139-143 N-D '61. (MIRA 14:12)
(Norway--Geographical research)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.; CHEBOTAREVA, N.S.; FRIDLAND, V.M.

New materials from German researchers on the paleogeography, Quaternary stratigraphy, geomorphology, and the geography of soils. Trudy Kom.chetv.per. no.26:169-173 '61. (MIRA 15:3)
(Geology)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Practice in physicogeographical regionalization of Denmark; based on paleogeography. Biul. MOIP. Otd.geol. 37 no.3:138-139 My-Je '62. (MIRA 15:10)
(Denmark—Physical geography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.; DEVIRTS, A.L.; MARKOVA, N.G.

New data on the absolute age of Allrod sediments in the vicinity of Leningrad. Biul.Kom.chetv.per. no.27:151-153 '62.
(MIRA 16:4)

(Leningrad region--Geological time)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.; NARSKIKH, R.S.

National atlas of Australia. Izv.AN SSSR.Ser.geog. no.2:129-135 Mr-Ap '63. (MIRA 16:4)
(Australia—Maps)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

ZHIBITSKAYA, E.D.; SEREBRYANNYY, L.R.

Academic conference on Scandinavian studies. Izv. AN SSSR. Ser. geog. no.5:152-153 S-O '63. (MIRA 16:10)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Chronology and paleogeography of the last Glacial epoch in Northern Europe. Trudy Kom. chetv. per. 21:148-155 '63. (MIRA 16:10)

1. Institut geografii AN SSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R.

Geography of the Quaternary of the Baltic Sea region. Izv. AN SSSR. Ser. geog. no. 2:157-160 Mr-Ap '64. (MIRA 17:5)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R., kand. geograf. nauk

At the southern coast of Iceland. Priroda 54 no.3:107-108 Mr '65. (MIRA 18:4)

1. Institut geografii AN SSSR, Moskva.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, Leonid Ruvimovich; VINOGRADOV, A.P., akademik, otv. red.; NEYSHTADT, M.I., doktor geogr. nauk, otv. red.

[Progress of radiocarbon dating in Quaternary geology; for the 7th INQUA Congress (U.S.A., 1965)] Primenenie radiouglerodnogo metoda v chetvertichnoi geologii. Moskva, Nauka, 1965. 268 p. (MIRA 18:9)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, L.R., kand.geograf.nauk

New islands of the northern Atlantic. Priroda 54 no.10:108-111 '65.
(MIRA 18:10)

1. Institut geografii AN SSSR, Moskva.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

ZHIBITSKAYA, E.D.; SEREBRYANNYY, L.R.; LEBEDEVA, S.L.

Second scientific conference on Scandinavian studies. Izv. AN SSSR. Ser. geog. no. 1:143-145 Ja-F '66 (MIRA 19:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

GORBUNOV-POSADOV, M.I.; POL'SHIN, D.Ye.; SEREBRYANNYY, R.V.

Make wide use of electronic calculating machines for the calculation of foundations. Osn., fund.i mekh.grun. 4 no.4:1-3 '62. (MIRA 15:8)
(Electronic calculating machines) (Foundations)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, M.

Make wider use of new roofing techniques. NTO 2 no.1:30 Ja '60. (MIRA 13:5)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva v institut "Eatonproyekt," Tallinn.
(Roofing, Concrete)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANSKIY, M.; NOSOV, S.

Health preserving commercial products. Vnesh.torg. 41 no.5: 33-34 '61. (MIRA 14:4)
(Drug industry)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, M., kandidat ekonomicheskikh nauk.

Methods of strengthening credit relations of the State Bank with heavy industry. (In: Moscow. Finansovaia akademiia. Nauchnye zapiski. Moskva, 1953, p. 134-147.) (MLRA 7:2)

1. Moscow. Finansovaya akademiya. (Credit)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

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SHLENSKIY, I.

PLANIROVANIYE I ORGANIZATSIYA FINANSOV PROMYSHLENNOGO PREDPRIYATIYA (PLANNING AND ORGANIZATION OF FINANCES OF INDUSTRIAL ENTERPRISES) LENINGRAD, LENIZDAT, 1956. 84 p. TABLES.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

MIKHAYLOVA, A.; SEREBRYANYY, M.

Differential credit and payment schedules in heavy industry.
Den.i kred.14 no.4:52-56 Ap '56. (MLRA 9:7)
(Banks and banking) (Russia--Industries)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANNYY, M.; CHRISTYAKOV, S.

Improving the planning and organization of industrial working capital. Fin.SSSR 18 no.7:8-12 Jl '57. (MLRA 10:7)
(Finance) (Russia--Industries)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SHEKHRYANTY, M.

Bank monopolies of western Germany. Den. i kred. 16 no.2:72-78 F '58. (MIRA 11:3)

(Germany, West--Banks and banking)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, M.; KOPPEL', R.

Issuing credit on the turnover of chemical plants. Den. i kred. 17 no.3:57-59 Mr '59. (MIRA 12:4)
(Chemical industry--Finance)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, M.

State finances of the German Federal Republic is the weapon of West German militarism. Fin.SSSR 23 no.5:77-84 My '62. (MIRA 15:5)
(Germany, West—War-economic aspects)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

LARIONOVA, M.; MOLCHANOV, M.; RABINOVICH, G.; RUSIN, Z.; SAVICHEV, P.; SEREBRYANYY, M.

"Financial and credit dictionary". Vol. 1. Reviewed by M. Larionova and others. Fin. SSSR 23 no.9:88-92 S '62. (MIRA 15:9)

(Finance—Dictionaries)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, M.

State finance of the German Federal Republic is the tool of neocolonialism. Fin. SSSR 37 no.10:82-90 O '63. (MIRA 17:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

1. SAYANIN, Yu. I., SEREBRYANYY, M. I.

2. USSR (600)

4. Earthwork - Volga-Don Canal

7. Scraper work at the Volga-Don water way construction project. Gidr. stroi. 21 no. 12: 1952

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

AID P - 3006

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 21/28

Author : Serebryanyy, M. M., Eng.

Title : Quality of fluorescent lamps

Periodical : Energetik, 6, 31-32, Je 1955

Abstract : The author discusses the deficiencies of the fluorescent lamps produced in the USSR at this time. Because of their low quality and badly planned structure, most of them do not burn. The author discusses the flaws one by one and suggests improvements.

Institution : None

Submitted : No date

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1. BALKAREY, I. YU., Eng.; SAYAPIN, YU. I., Eng., SEREBRYANYY, M. N., Eng.
2. USSR (600)
4. Windlass
7. Modernization of the tractor winch D-148v, Mekh. stroi., 10, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

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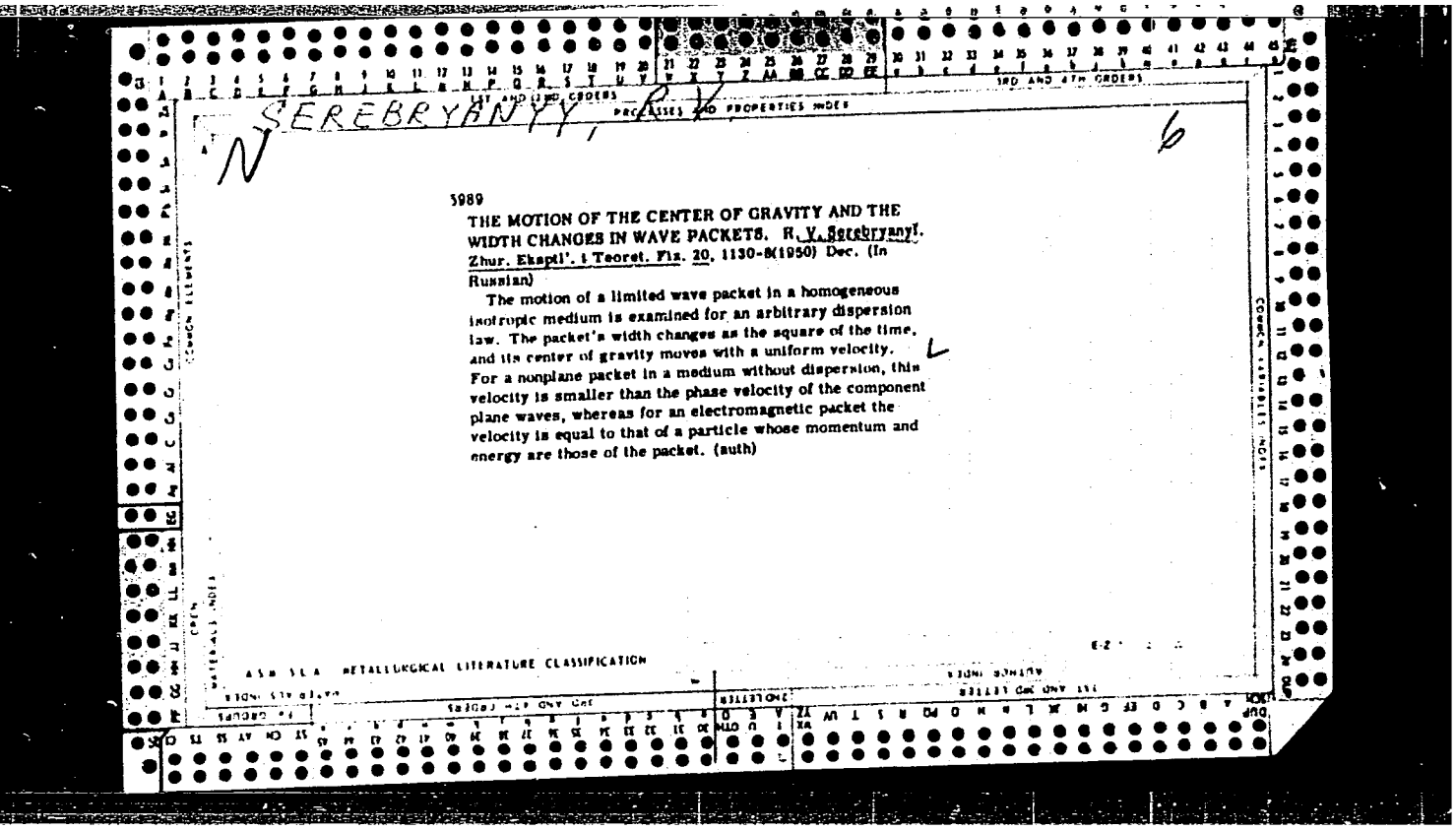

SEREBRYANYY, R. V.

5989

THE MOTION OF THE CENTER OF GRAVITY AND THE WIDTH CHANGES IN WAVE PACKETS. R. V. Serebryanyi. Zhur. Eksptl'. i Teoret. Fiz. 20, 1130-8(1950) Dec. (In Russian)

The motion of a limited wave packet in a homogeneous isotropic medium is examined for an arbitrary dispersion law. The packet's width changes as the square of the time, and its center of gravity moves with a uniform velocity. For a nonplane packet in a medium without dispersion, this velocity is smaller than the phase velocity of the component plane waves, whereas for an electromagnetic packet the velocity is equal to that of a particle whose momentum and energy are those of the packet. (auth)

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

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SEREBRYANYY, R. V.: Master Tech Sci (diss) -- "Problems of computing sheets on an elastic base when loaded close to the edge". Moscow, 1958. 14 pp (Acad Construction and Architecture USSR, Sci Res Inst of Bases and Underground Structures), 150 copies (KL, No 6, 1959, 136)

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SEREBRYANYY, R.V.

Calculation of slabs laid on an elastic base taking into account plastic linkage generated in them. Sbor.trud.NIIOSP no.34:79-85 '58. (MIRA 12:1)

(Foundations) (Soil mechanics)

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SOROCHAN, Ye.A., kand.tekhn.nauk; SOKOLOV, N.M., kand.tekhn.nauk. Prinimali uchastiye: SEREBRYANYY, R.V.; POL'SHIN, D.Ye., kand.tekhn.nauk. MUNITS, A.P., red.izd-va; BOROVNEV, N.K., tekhn.red.

[Instructions for using precast footings] Ukazaniia po primeneniiu sbornykh lentochnykh fundamentov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1959. 28 p. (MIRA 12:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Nauchno-issledovatel'skiy institut osnovaniy i podzemnykh sooruzheniy Akademii stroitel'stva i arkhitektury SSSR (for Sorochan, Sokolov).
(Foundations) (Precast concrete construction)

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POL'SHIN, D.Ye.; RYBAKOVA, V.I.; SEREBRYANYY, R.V.

Works on soil mechanics and foundation engineering published in 1959. Osn., fund. i mekh. grun. no.4:3 of cover '59.
(MIRA 12:10)

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(Bibliography--Foundations)

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POL'SHIN, D.Ye.; RYBAKOVA, V.I.; SEREBRYANYY, R.V.

Works on soil mechanics and foundation engineering published in 1959. Osn., fund.i mekh.grun. no.5:32-3 of cover '59. (MIRA 12:12)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

14(10)

AUTHOR: Serebryanyy, R. V. SOV/20-125-4-17/74

TITLE: On the Flexure of a Thin Semi-infinite Plate Which Is Supported by an Elastic Layer of Finite Thickness (Ob izgibe tonkoy polubezkonechnoy plity, opirayushcheysya na uprugiy sloy konechnoy tolshchiny)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 4, pp 752-755 (USSR)

ABSTRACT: The problem mentioned in the title arises in the course of computing thin layers with straight-lined contoures on an elastic base if the load is applied so near to one of the edges of the plate that the influence exercised by the other edges may be neglected. An elastic layer of the thickness h with the characteristics E and μ is assumed to serve as a support for a plate having the stiffness D (occupying a semi-plane $x > 0$). If the exterior load acting upon the plate is $q(x,y)$, it holds for the sag $w(x,y)$ of the plate and for the reaction $p(x,y)$ of the base that

$\bar{w}(\bar{x},\bar{y}) = (D/PL^2)w(x,y)$; $\bar{p}(\bar{x},\bar{y}) = L^2/P)p(x,y)$;

$q(\bar{x},\bar{y}) = (L^2/P)q(x,y)$. The quantities marked by horizontal

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strokes are dimensionless quantities. Here P denotes the total load acting upon the plate and it holds that $\bar{x} = x/L$, $\bar{y} = y/L$, $L = \sqrt[3]{2D(1 - \mu^2)/E}$. At the edge of the plate, i. e. with $x = +0$, the following conditions for a free edge must be satisfied: $\frac{\partial^2 w}{\partial x^2} + \nu \frac{\partial^2 w}{\partial y^2} = 0$; $\frac{\partial^3 w}{\partial x^3} + (2 - \nu) \frac{\partial^3 w}{\partial x \partial y^2} = 0$. Here ν denotes Poisson's coefficient for the material of the plate. The function $w(x,y)$ and its particular derivatives up to and including the fourth order, as well as the functions $p(x,y)$ and $q(x,y)$ are assumed to be integrable in a square along the straight line $x = \text{const}$. Calculations are followed step by step. The problem of determining the sags is, by the way, analogous to that dealt with by Hopf and Wiener, and therefore the ideas of these authors are also utilized in this paper. In conclusion the explicit expressions for sag resulting from

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these calculations are written down. There are 5 references, 4 of which are Soviet.

ASSOCIATION: Nauchno-issledovatel'skiy institut osnovaniy i pod"yemnykh sooruzheniy (Scientific Research Institute for Foundations and Hoisting Structures)

PRESENTED: October 28, 1958, by S. L. Sobolev, Academician

SUBMITTED: October 20, 1958

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Report presented at the 1st All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb '60.

234. G. I. Pshenichnov (Leningrad): Large deflections of reinforced shallow cylindrical shells.

235. V. P. Rabinovich (Moscow), Yu. N. Rabotnov (Novosibirsk): Creep strength of tubular discs.

236. A. I. Rabotnikov (Udessa): Flow and consolidation of sands under the action of seepage forces.

237. Yu. N. Rabotnov (Novosibirsk): Creep.

238. R. M. Rapoport (Leningrad): Some problems in the theory of elasticity concerning the design of rock foundations.

239. R. M. Rapoport (Leningrad): Some difference equations of structural mechanics.

240. Kh. A. Rakhmatulin (Moscow): On the propagation of elastic-plastic waves in a half-space.

241. Kh. A. Rakhmatulin (Moscow): Propagation of disturbances in continuous media.

242. V. F. Rasik (Sverdlovsk): Earth pressure on flexible retaining walls.

243. V. L. Reytser (Leningrad): On the pressure of a punch on an elastic half-space.

244. F. A. Rekhlitskiy (Moscow): Types of high molecular and dispersed structures and their characteristic mechanical properties.

245. S. Renie (Podgorica): On the influence of the maximum principal stress on the fatigue strength.

246. Y. O. Repman (Moscow): The application of the method of homogeneous solutions to some two-dimensional problems of the theory of elasticity.

247. A. R. Rzhanitsin (Moscow): Some three-dimensional problems of limit equilibrium in rigid, plastic solids.

248. M. I. Rozovskiy (Dnepropetrovsk): On the application of the Fokker-Planck-Kolmogorov principle to Arutiunian's creep theory of concrete.

249. M. I. Rozovskiy (Dnepropetrovsk): Some problems of the integral operator theory of creep.

250. A. S. Rozenberg (Leningrad): Design of wide-flange beams for bending and compression effects.

251. D. D. Sarazin (Leningrad): The experimental study of the deformations of rock foundations.

252. G. N. Savin (Kiev): The determination of the effective stresses in plates supported plate by the method of successive approximations.

253. V. S. Sarkisian (Erevan): Torsion of anisotropic prismatic bars of elongated cross section.

254. I. A. Sautkin (Kaliningrad): The impact of a double punch on a half plane.

255. I. F. Obraztsov (Kazan): The use of similarity considerations for improving the convergence in the design of shells by successive approximations.

256. A. N. Sedov (Leningrad): Stability of cellular structures built on soft ground.

257. F. Serbanescu (Venice): Bending of thin hinge-joined plane supported by an elastic layer of finite thickness.

258. R. N. Seth (Kharagpur): Finite bending of plates into cylindrical shells.

259. A. F. Shatalov (Moscow): A beam on a two-layer half space beyond the elastic limit.

260. V. P. Shestin (Leningrad): Some problems of creep and consolidation of saturated soils.

261. N. O. Shtokolmskiy (Moscow): Determination of the natural frequencies of plates of constant and variable thickness.

262. E. A. Smith (Leningrad): Dynamic problems of the design of retaining walls and soil foundations under impact loads.

263. S. S. Smirnov (Leningrad): Solution of some dynamic problems of elongated structures by the method of initial parameters.

264. I. I. Sokolovskiy (Moscow): On some problems of the theory of plasticity and soil mechanics.

265. M. A. Sapogovich (Petrozavodsk): On a class of solutions of boundary value problems in plasticity.

266. E. S. Sorokin (Moscow): The effect of internal friction on the stresses in beams and plates under impulsive loading.

267. P. P. Spiridonov (Frunze): Stresses in elliptical shells subjected to internal pressure.

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Zones of plastic deformation in foundations. Osn., fund. i mekh. grun. 3 no.3:12-13 '61. (MIRA 14:7)
(Deformations (Mechanics))
(Foundations)

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[Designing thin hinged plates on elastic foundations; with enclosed tables] Raschet tonkikh sharnirno soedinennykh plit na uprugom osnovanii (s prilozheniem tablits). Moskva, Gosstroiizdat, 1962. 62 p. (MIRA 15:6)
(Elastic plates and shells)

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GORBUNOV-POSADOV, M.I., doktor tekhn. nauk, prof.; FEDOROV, I.V., kand. tekhn. nauk; MALYSHEV, M.V., kand. tekhn. nauk; KOCHETKOV, A.M., kand. fiziko-matem. nauk; SEREBRYANYY, R.V., kand. tekhn. nauk; GARKAVI, O.Ya., kand. tekhn. nauk

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SHERMYANY, R.V. (Moscow)

"Zones of limit equilibrium under the edges of a punch pressed into an elastic half-plane"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.

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YEGOROV, K.Ye.; SEREBRYANYY, R.V.

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[illegible], L. ...; [illegible], ...A.; SEMENOVYY, A.A.; [illegible], P.I.

...termination of amino acids of fibrinogen and fibrin in cattle blood. Ukr. khim. zhur. 30 no.9:962-965 '64. (MIRA 17:10)

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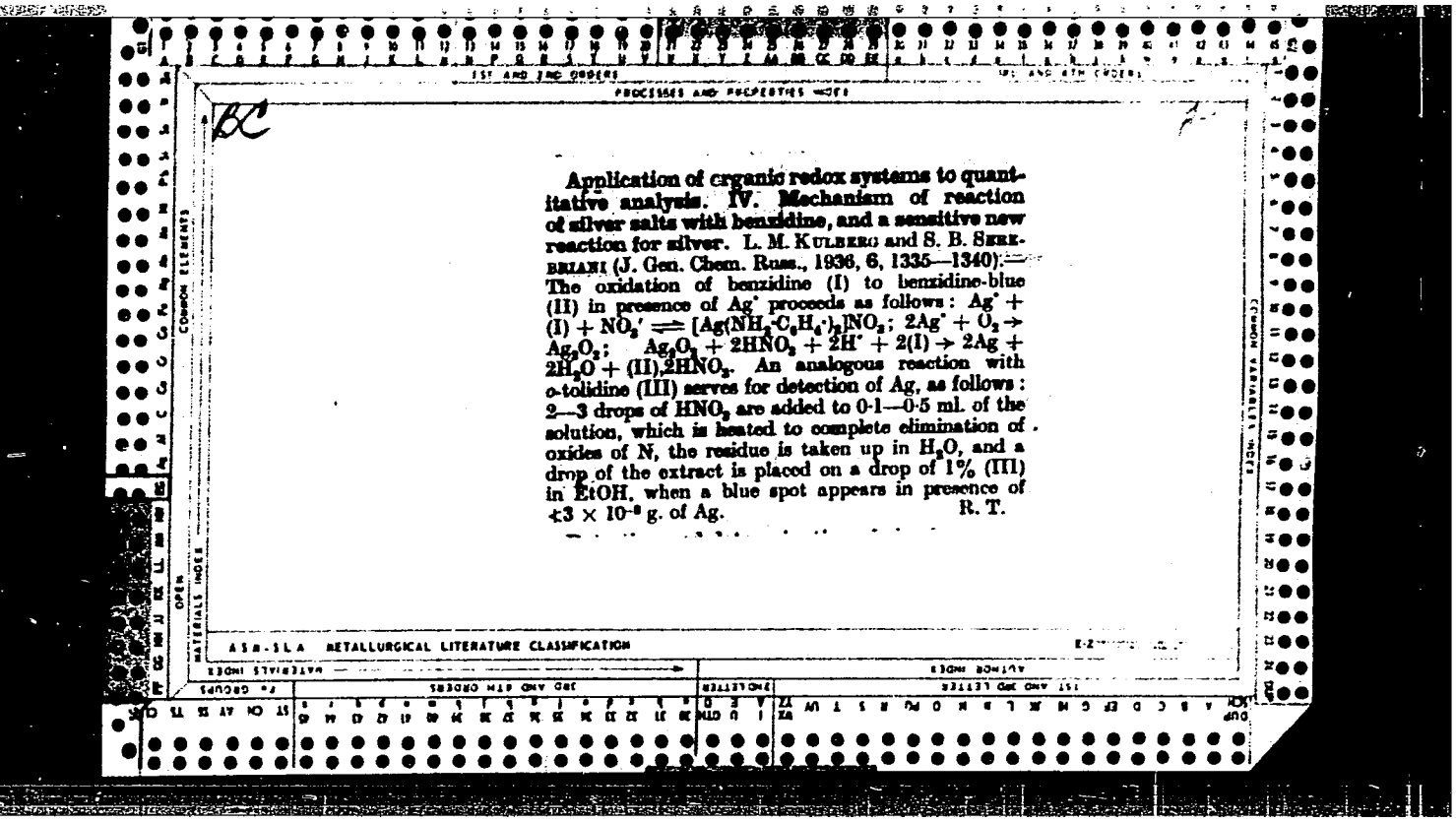

Application of organic redox systems to quantitative analysis. IV. Mechanism of reaction of silver salts with benzidine, and a sensitive new reaction for silver. L. M. KULBERG and S. B. SERBELANI (J. Gen. Chem. Russ., 1936, 6, 1335—1340).—The oxidation of benzidine (I) to benzidine-blue (II) in presence of $Ag^{\cdot}$ proceeds as follows: $Ag^{\cdot} + (I) + NO_2' \rightleftharpoons [Ag(NH_2{\cdot}C_6H_4{\cdot})_2]NO_2$; $2Ag^{\cdot} + O_2 \rightarrow Ag_2O_2$; $Ag_2O_2 + 2HNO_2 + 2H^{\cdot} + 2(I) \rightarrow 2Ag + 2H_2O + (II).2HNO_2$. An analogous reaction with o-tolidine (III) serves for detection of Ag, as follows: 2—3 drops of HNO_2 are added to 0·1—0·5 ml. of the solution, which is heated to complete elimination of oxides of N, the residue is taken up in H_2O, and a drop of the extract is placed on a drop of 1% (III) in EtOH, when a blue spot appears in presence of $<3 \times 10^{-8}$ g. of Ag. R. T.

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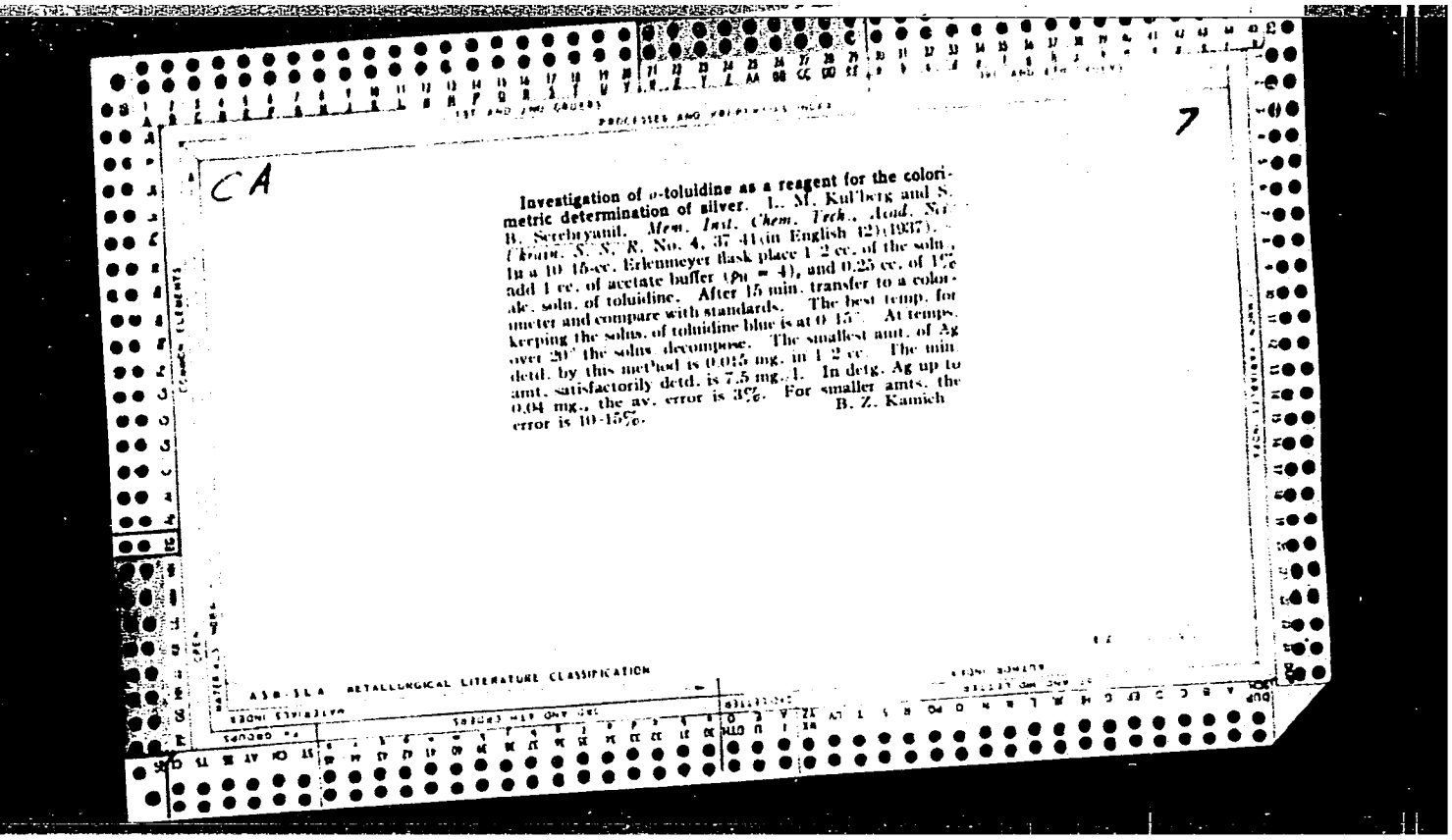

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Investigation of o-toluidine as a reagent for the colorimetric determination of silver. L. M. Kul'berg and S. B. Serebryanni. *Mem. Inst. Chem. Tech., Acad. Sci. Ukraine, S. S. S. R.* No. 4, 37-41 (in English 42) (1937). In a 10-15-cc. Erlenmeyer flask place 1-2 cc. of the soln., add 1 cc. of acetate buffer (pH = 4), and 0.25 cc. of 1% ale. soln. of toluidine. After 15 min. transfer to a colorimeter and compare with standards. The best temp. for keeping the solns. of toluidine blue is at 0-15°. At temps. over 20° the solns. decompose. The smallest amt. of Ag detd. by this method is 0.015 mg. in 1-2 cc. The min. amt. satisfactorily detd. is 7.5 mg./l. In detg. Ag up to 0.04 mg., the av. error is 3%. For smaller amts. the error is 10-15%.

B. Z. Kamich

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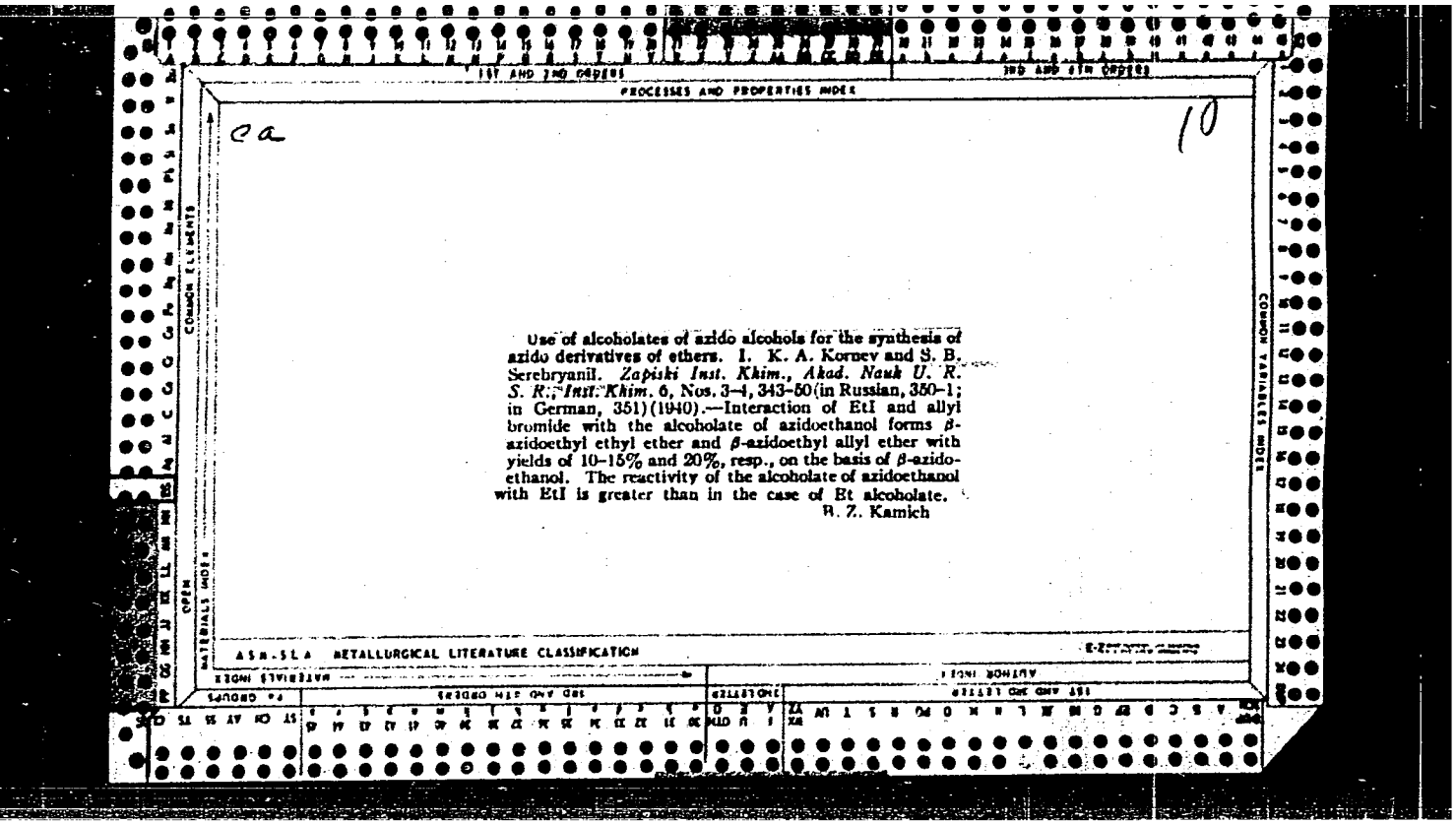

Use of alcoholates of azido alcohols for the synthesis of azido derivatives of ethers. I. K. A. Kornev and S. B. Serebryanil. *Zapiski Inst. Khim., Akad. Nauk U. R. S. R.; Inst. Khim.* 6, Nos. 3–4, 343–50 (in Russian, 350–1; in German, 351) (1940).—Interaction of EtI and allyl bromide with the alcoholate of azidoethanol forms β-azidoethyl ethyl ether and β-azidoethyl allyl ether with yields of 10–15% and 20%, resp., on the basis of β-azidoethanol. The reactivity of the alcoholate of azidoethanol with EtI is greater than in the case of Et alcoholate.

B. Z. Kamich

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Structure of iodinine. A. I. Kiprianov, S. B. Serebryanyi, and V. P. Chernetskii. *Doklady Akad. Nauk S.S.S.R.* 69, 651-3(1949); cf. *C.A.* **45**, 4249g.—Clemo and Daglish (*C.A.* **43**, 3057*i*) prepd. *1,6-* and *1,9-dimethoxyphenazines* (*C.A.* numbering), but failed to prove definitely the precise configuration of their 2 products; the product m. 245-6° was identical with the reduction product of iodinine. This substance is now shown to be the 1,5-isomer, indicating the correct structure of iodinine. Condensation of 3-methoxy-*o*-quinone with 3,1,2-$MeOC_6H_3(NH_2)_2$ and sepn. of the products via their picrates, gave a substance m. 260° (picrate, m. 258°), and an isomeric dimethoxyphenazine, m. 251°, obtained from the mother liquor of the 1st isomer (C. and D. give m. 245-6°). Condensation of *o*-$O_2NC_6H_3OMe$ with *o*-anisidine in presence of powd. KOH gave the product m. 251°, identical with above described, proving it to be the *1,6-isomer*. Hence, the dimethoxyphenazine, m. 260°, must be the *1,9-isomer*. Further, condensation of *o*-$O_2NC_6H_3OMe$ with *m*-anisidine gave the 1,9-dimethoxyphenazine, m. 259-60°, identical with the above, and a dimethoxyphenazine, m. 174° (from ligroine), which must be the *1,7-isomer*. G. M. Kosolapoff

Inst. Org. Chem, AS Ukr SSR

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

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Synthesis of derivatives of 1-hydroxyphenazine. I. 1-Alkoxyphenazines S. [illegible]shyanyi *Zhur. Obshchei Khim.* (J. Gen. Chem.) **20**, 1629-30(1950). Condensation of aromatic amines with either *o*-nitroanisole or *o*-nitrophenetole (equal parts) in the presence of 4 parts powd. KOH, allowing the mixt. to stand 3 days, removal of the amine excess by steam distn., pptn. of the crude product by NH_4-OH from the HCl ext., heating with Ac_2O to destroy any *N*-oxides, and final acid-base repptn. gave the following *alkoxyphenazines*: *1-Methoxy-5-methyl* (from *o*-nitroanisole and *o*-toluidine), yellow needles, m. 190° (from 40% AcOH), in 1.6% yield [*picrate*, red-brown, m. 178-9° (from EtOH)]; *1-methoxy-7-methyl* (from *p*-toluidine), yellow, m. 182-2.5° (from 40% AcOH), 0.5%; *1,7-dimethoxy*, yellow, m. 158° (from 40% AcOH), 8%, from *p*-anisidine [*picrate*, red, m. 200° (from C_6H_6)]; *1-methoxy-7-ethoxy*, yellow, m. 188° (from 40% AcOH), 10%, from *p*-phenetidine [*picrate*, red, m. 219° (from C_6H_6)]; *1,5-dimethoxy*, yellow, m. 250° (from Ac_2O), 5% from *o*-anisidine; *1-methoxy-5-ethoxy*, yellow, m. 170° (from EtOH), 2.5%, from *o*-phenetidine, or 11.2% from *o*-nitrophenetole and *o*-anisidine; *1-ethoxy*, yellow, m. 130° (from 30% EtOH), 13.3% yield from *o*-nitrophenetole and $PhNH_2$ [*picrate*, red, m. 195° (from EtOH)]; *1-ethoxy-5-methyl*, m. 161.5-2.5° (from 40% AcOH), 8.5% yield from *o*-toluidine [*picrate*, red, m. 171° (from EtOH)]; *1-ethoxy-7-methyl*, m. 141-1.5° (from 50% EtOH), 2.1%; from *p*-toluidine [*picrate*, m. 197° (decompn.; from EtOH)]; *1-ethoxy-7-methoxy*, yellow, m. 130° (from 40% AcOH), 15.5%, from *o*-anisidine [*picrate*, m. 218° (from C_6H_6)]; *1,7-diethoxy*, yellow, m. 135° (from 50% EtOH), 3.4%; from *p*-phenetidine [*picrate*, m. 189° (from C_6H_6)]; *1,5-diethoxy*, yellow, m. 190° (from Ac_2O), 8.9% from *o*-phenetidine.

G. M. Kosolapoff

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

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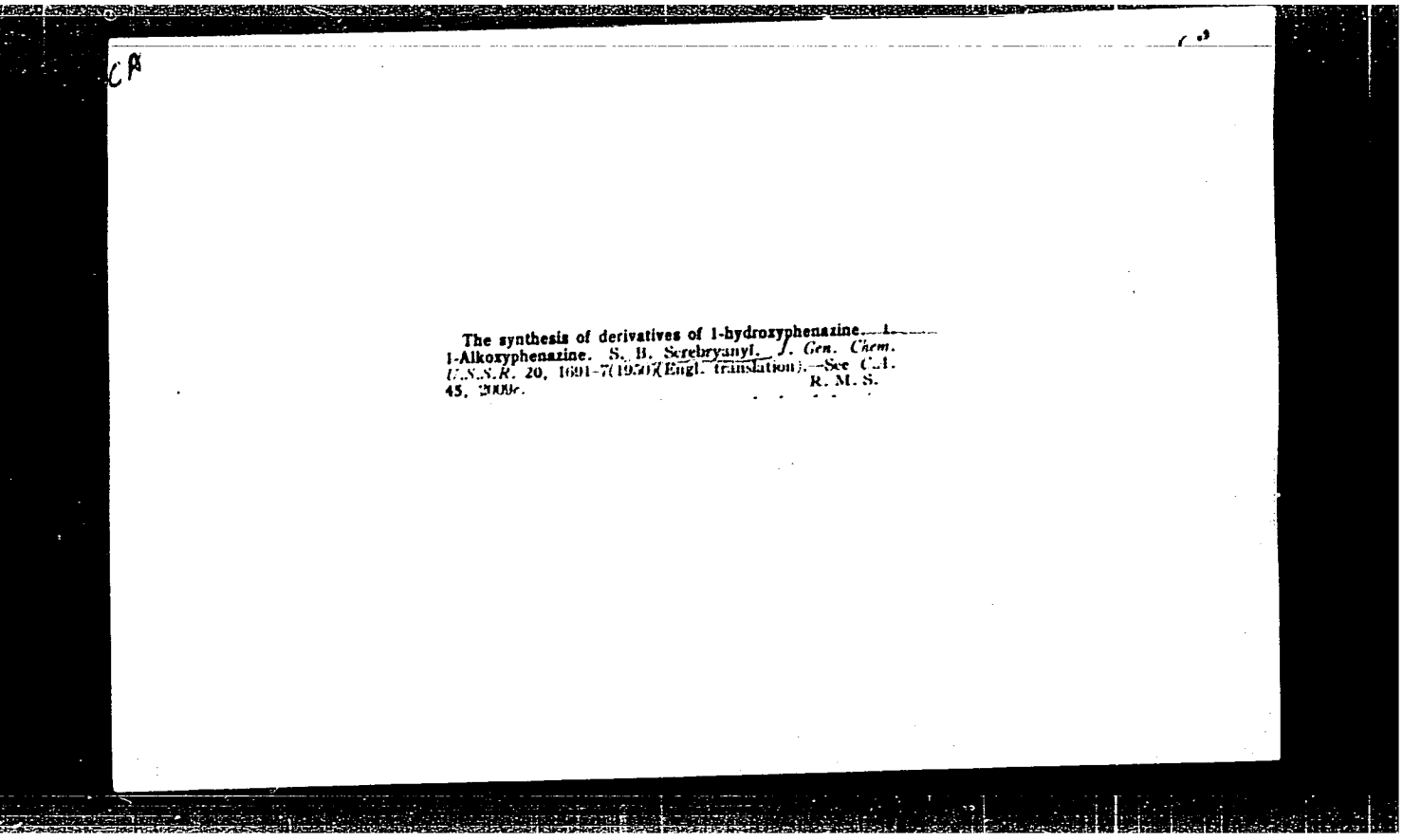

CA

The synthesis of derivatives of 1-hydroxyphenazine. I. 1-Alkoxyphenazine. S. B. Serebryanyi. *J. Gen. Chem. U.S.S.R.* 20, 1691-7(1950)(Engl. translation).—See *C.A.* 45, 2009*e*.

R. M. S.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYI, S. B.

"Iodine Synthesis," 70, No. 4, 1950. Inst. of Org. Chem., Ukrainian SSR Acad. Sci., -c1950-.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

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CA

10

Synthesis of derivatives of 1-hydroxyphenazine. II 1,6- and 1,8-dialkoxyphenazines. S. B. Serebryanyĭ and V. P. Chernetskiĭ. *Zhur. Obshchei Khim.* 21, 2383-8(1951); cf. *C.A.* 45, 2000e.—*o*-Nitroanisole (30 g.) let stand 3 days with 30 g. *m*-anisidine and 120 g. powd. KOH, steam-distd., the distn. residue extd. with 15% hot HCl, the ext. partially neutralized with NaOH, the ppt. filtered, the filtrate neutralized with NH_4OH, and the ppt. extd. in a Soxhlet app. with ligroine gave the more sol. *1,6-dimethoxyphenazine* (I) (total 1.2 g.), m. 175°, and the less sol. *1,8-isomer* (II), m. 252–3° (crude), m. 259–60° (pure; from ligroine or Ac_2O); *picrates* m. 258° and m. 259–60°, resp. Nitration of *m*-nitroanisole and reduction of the dinitro deriv. with $SnCl_2$-HCl gave 60% *3-methoxy-o-phenylenediamine*; *HCl salt*, m. 245–7° (decompn.). This (1.75 g.) in 20 ml. H_2O neutralized carefully with Na_2CO_3, extd. with C_6H_6, the ext. concd., treated with 20 ml. AcOH, added to 2.5 g. 2,3-(HO)$_2$C$_6$H$_3$OMe that had been shaken 10 min. with 50 g. Pb peroxide in C_6H_6, filtered, the mixture washed with aq. NaOH after 2 hrs. at room temp., extd. with dil. HCl, and the ext. treated with NH_4OH yielded mixed II and *1,8-dimethoxyphenazines* (III) (1 g.) sepd. via the picrate (II forms a poorly sol. picrate in EtOH), thus affording pure II, identical with the above specimen, and III, m. 240–50° (from EtOH). Similarly 20.6 g. *o*-O$_2$NC$_6$H$_4$OEt and *m*-phenetidine with powd. KOH gave 1.5 g. *1,6-diethoxyphenazine*, m. 153° (from ligroine or Ac_2O), and 3.2 g. *1,8-isomer*, m. 174° (from ligroine); *picrates*, m. 225–6° decomp. 253–4°, resp. III does not form a picrate in EtOH.

G. M. Kosolapoff

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.

USSR/Chemistry - Hydroxyphenazines Apr 52

"Synthesis of Derivatives of 1-Hydroxyphenazine. III. 1,5-, 1,6-, and 1,8-Dihydroxyphenazine," S. B. Serebryanyy. Inst of Org Chem, Acad Sci USSR

"Zhur Obshch Khim" Vol XXII, No 4, pp 703-705

The above compds were obtained by dealkylation of the corresponding dialkoxyphenazines with hydrobromic acid or with 70% sulfuric acid.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYI, S. B.

Chem Abs
v.48 25 Jan 54

Organic Chem.

CATALysts

N-Alkylphenazinones. I. S. B. Serebryanyi. *Zhur. Obshchei Khim.* 22, 2203–9(1952).—Heating alkoxyphenazines with Me_2SO_4 in $PhNO_2$ 5–15 min. at 100° and washing with Et_2O and petr. ether, followed by crystn. from EtOH-AmOAc, gave the following *methyl methosulfates* (*C.A.* numbering): *1-methoxyphenazine*, red, m. 201° (decompn.); *1,7-dimethoxyphenazine*, red, m. above 300°; *1-methoxy-8-ethoxyphenazine*, red, decomp. 197°; *1,9-dimethoxyphenazine*, violet, m. above 300°; the 2nd is unstable in storage. 5-Ethyl-1-methoxyphenazine ethosulfate (0.4 g.) heated with 10 ml. 60% H_2SO_4 3 min. to 175°, quenched in H_2O, treated with 5% NaOH and extd. with $CHCl_3$ and the ext. acidified with 5% HCl, gave 0.1 g. *5-ethylphenazin-1-one*, blue, m. 170–3° (from H_2O). Heating 1 g. 1-ethoxyphenazine with 3 ml. Et_2SO_4 in $PhNO_2$ 50 min. gave the *5-Et ethosulfate*, which in 60 ml. H_2O treated with 3.4 g. potassium ferricyanide and 9 ml. 10% NaOH gave 0.75 g. red product, m. 191–205°, resolved by crystn. from H_2O into 0.3 g. *1-ethoxy-5-ethylphenazin-3-one*, red, m. 211–12°, while the mother liquor gave red *1-ethoxy-5-ethylphenazin-7-one*, m. 195–7° (from ligroine-dioxane). Similarly 1,6-diethoxyphenazine (1 g.) gave 0.6 g. *1,6-diethoxy-5-ethylphenazin-7-one*, violet, m. 205° (from H_2O); 1-ethoxy-6-methoxyphenazine (0.2 g.) gave 0.1 g. *1-ethoxy-6-methoxy-5-ethylphenazin-7-one*, violet, m. 225–6° (from H_2O); 1-ethoxy-8-methoxyphenazine (1 g.) gave 0.39 g. *1-ethoxy-8-methoxy-5-ethylphenazin-7-one*, red, m. 185–6° (from H_2O); 1,9-diethoxyphenazine (0.5 g.) gave 0.24 g. red *1,9-diethoxy-5-ethylphenazin-3-one*, m. 206–8° (from ligroine-dioxane). The quaternary salts of alkoxyphenazines are not oxidized photochemically.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S. B.

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Organic Chemistry

Chem

N-Alkylphenazinones. I. S. B. Serebryanyi. *J. Gen. Chem. U.S.S.R.* 22, 2201-6(1952)(Engl. translation).—See *C.A.* 48, 6804h.

H. L. H.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.

Synthesis of halogen derivatives of phenazine. I. Mono and dichlorophenazines. V. P. Chernetskii and S. B. Serebryanyi (Inst. Org. Chem., Acad. Sci. Ukr. S.S.R.). *Sbornik Statei Obshchei Khim., Akad. Nauk S.S.S.R.* 1, 646-9(1953).—Heating 15.75 g. *o*-$ClC_6H_4NO_2$, 9.3 g. $PhNH_2$, 25 g. powd. KOH, and 150 ml. MePh with azeotropic removal of H_2O 8–10 hrs. gave 12.4% *1-chlorophenazine*, m. 121–3° (from EtOH). Similarly 15.75 g. *p*-$ClC_6H_4NO_2$ and 9.3 g. $PhNH_2$ with 25 g. powd. KOH in MePh gave 12% yellow *2-chlorophenazine N-oxide*, m. 178–9°, decomp. 217–19° (from EtOH); this (1 g.) in 50 ml. concd. HCl was treated with $SnCl_2$ in HCl, heated 10–15 min. to 70–80°, dild. with H_2O, the ppt. treated suspended in H_2O, alkalized, treated with a little $K_4Fe(CN)_6$, and boiled 1 hr. yielding 92.5% *2-chlorophenazine*, yellow, m. 140–1° (cf. McCombie, *et al.*, *C.A.* 22, 1977). Similarly, 15.75 g. *o*-$ClC_6H_4NO_2$ and 12.8 g. *o*-$ClC_6H_4NH_2$ gave 8.1% *1,5-dichlorophenazine*, yellow, m. 271–2° [from $(CH_2Cl)_2$], and 31% *2-chloro-2'-nitrodiphenylamine*, red, m. 115–16°. Similar reaction with *m*-$ClC_6H_4NH_2$ gave 26.9% phenazines, from which was isolated 10.4% *1,6-dichlorophenazine*, yellow, m. 171–4°; the use of *p*-$ClC_6H_4NH_2$ gave 10.5% *1,7-dichlorophenazine*, m. 222–3°, along with 8.1% *4'-chloro-2-nitrodiphenylamine*, red, m. 145–6°. In the course of prepn. and isolation of the 1,6-dichlorophenazine, above, there was also obtained 16.4% *1,8-dichlorophenazine*, yellow, m. 211–12°, sepd. by chromatography on Al_2O_3; this was converted to the corresponding dihydroxyphenazine, whose di-Ac deriv., m. 255–6° (cf. *C.A.* 47, 5408d).

G. M. Kosolapoff

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.

Synthesis of 1-oxyphenazine derivatives. Part 4. Alkylation of 1-oxy- and 1-alkoxyphenazines. Ukr.khim.zhur. 19 no.1:65-72 '53. (MLRA 7:4)

1. Institut organicheskoy khimii Akademii nauk USSR.
(Alkylation) (Phenazine)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANIY, S. B.

USSR.

Preparation of dibutyl ether and dibutyl sulfate. S. G. Strel'tsova and S. B. Serebryanik. *Ukrain. Khim. Zhur.* 19, 664–5(1953)(in Russian).—BuOH (I) (250 g.), 300 ml. Bu_2O (II), and 130 g. concd. H_2SO_4 III are heated 3 hrs. with a Dean-Stark trap (53 ml. H_2O collected), 50 g. I added, and the mixt. heated 1 hr., cooled, washed with H_2O, 1% Na_2CO_3, and H_2O, dried overnight ($CaCl_2$), and distd. *in vacuo* to yield 310 g. II, b_{100} 105–7°, and 105 g. Bu_2SO_4, b_8 115–16°. Elisabeth Barnbash

Inst. Org. Chem. AS Ukr SSR

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.
Serebryanyy, S.B.

Synthesis of derivatives of 1-hydroxyphenazine. V. Halogen derivatives of 1-methoxyphenazine. S. B. Serebryanyi and N. A. Il'yushina. *Zhur. Obshchei Khim.* 23, 1776–8(1953); cf. *C.A.* 48, 2719e.—Heating 15.5 g. *o*-$MeOC_6H_4NO_2$, 13.8 g. *p*-$ClC_6H_4NH_2$, 28 g. KOH and 150 ml. MePh with azeotropic removal of the H_2O gave 2.11 g. crude phenazines, which were chromatographed on Al_2O_3 in C_6H_6. The lower yellow zone gave 3.7% *2-chlorophenazine*, m. 139–40° (from EtOH). The middle yellow zone gave 0.45 g. brown *1-methoxy-7-chlorophenazine*, m. 209–10° (from ligroine). The upper yellow-brown zone gave 2.1% *1,7-dimethoxyphenazine*, m. 150° (from dil. AcOH). A similar reaction with *m*-$ClC_6H_4NH_2$ gave, after repeated chromatographic sepn., 0.23 g. *1-chlorophenazine*, m. 120–2°, and 0.8 g. *2-chlorophenazine*, m. 139–40°, with *1-methoxy-8-chlorophenazine*, m. 184–5°, and *1-methoxy-6-chlorophenazine*, m. 165–6° (from dil. EtOH); the combined yield of the last 2 bases was 9.1%. A small amt. of *1,8-dimethoxyphenazine*, m. 259–60°, was obtained from the upper chromatographic zone. Similar reaction of *m*-$MeOC_6H_4NO_2$ and *p*-$ClC_6H_4NH_2$ gave only 1.2% total phenazines, resolved into *3-methoxy-6-chlorophenazine*, m. 150–1°, and *1-methoxy-6-chlorophenazine*, m. 165–6°. G. M. K—

Inst. Org. Chem., AS Ukr SSR

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SERABRYANYY, S. B.

USSR/ Chemistry - Nitration

Card 1/1 Pub. 116 - 18/24

Authors : Grabenko, A. D., and Serabryanyy, S. B.

Title : Electrophilic substitution reactions in the phenazine series. Part 1. Nitration of N-oxide of phenazine

Periodical : Ukr. khim. zhur. 21/2, 249-252, 1955

Abstract : Nitration of N-oxide of phenazine in sulfuric acid yielded a mixture of 10-oxide 1-nitrophenazine and 10-oxide 3-nitrophenazine. The splitting of the isomers through fractional crystallization in benzene in the presence of AlO is described. The structure of the synthesized compounds was established by reduction into 1- and 2-aminophenazines. A new method was developed for the synthesis of 2-aminophenazine by nitration of a 9,10-diacetyldihydrophenazine solution in acetic anhydride with fumic nitric acid and consequent reduction of the derived 2-nitrophenazine with iron and hydrochloric acid. Seven references: 2 USSR, 1 Swiss, 1 USA and 3 German (1903-1955).

Institution : Acad. of Sc., Ukr. SSR, Inst. of Organ. Chem.

Submitted : July 15, 1954

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S. B.

USSR/ Chemistry - Organic chemistry

Card 1/1 Pub. 116 - 14/30

Authors : Serebryanyy, S. B.

Title : Mechanism of formation of the phenazine ring during alkaline condensation of aromatic nitro-compounds with aromatic amines

Periodical : Ukr. khim. zhur. 21/3, 350-360, June 1955

Abstract : A new process of formation of phenazine rings during alkaline condensation of aromatic nitro-compounds with aromatic amines is described. Employing the chromatographic method the author analyzed the complex mixtures of substances formed as result of the alkaline condensation reaction. The closing of the phenazine ring is explained as one of the cases of nucleophilic displacement reactions occurring in aromatic nitro-compounds which is followed by the transfer of the hydrogen atom together with its electron doublet. Seventeen references: 8 USSR, 3 USA, 1 English and 5 German (1899-1955). Tables.

Institution : Acad. of Sc., Ukr. SSR., Inst. of Org. Chem.

Submitted : September 1, 1954

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.

Subject : USSR/Chemistry AID P - 2757

Card 1/1 Pub. 119 - 5/6

Author : Serebryanyy, S. B. (Kiyev)

Title : Progress in the chemistry of phenazine

Periodical : Usp. khim. 24, 3, 313-346, 1955

Abstract : Recent developments in the chemistry of phenazine are reviewed. Formation of the phenazine ring, and structure and synthesis of various phenazine derivatives are discussed. 116 references (26 Russian: 1874-1953)

Institution : None

Submitted : No date

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S. B.

6000

Synthesis of some fluorine derivatives of phenazine, azobenzene and diphenylamine. V. P. Chernetskii, L. M. Yagupol'skii and S. B. Serebryanyi. (*Zh. obshch. Khim.*, 1955, 25, 2161—2170).—By condensation in alkaline conditions of aromatic nitro-compounds with aromatic amines containing F the following were obtained: 1-, m.p. 208—209°, and 2-*fluoro*-, m.p. 181—182°, and 8-*fluoro*-1-*methoxy*-**phenazine**, m.p. 150°, 1-*fluorophenazine* 5-N-*oxide*, m.p. 203—204° (decomp. 220—225°), and 2-*trifluoromethylphenazine* 10-N-*oxide*, m.p. 165—166°, and 5-N-*oxide*, m.p. 153°. Other methods of prep. are described for 2-*fluoro*- and 1- and 2-*trifluoromethyl*-**phenazine**. A series of azo compounds, azoxy compounds and *o*- and *p*-nitrodiphenylamines containing F were also obtained from the products by condensation. A. I. B.

Inst. Org. Chem AS Ukr SSR

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.

Electrophilic substitution reactions in the phenazine series.
Part 2: Nitration of phenazine and some of its derivatives.
Ukr.khim.zhur. 22 no.4:504-511 '56. (MIRA 10:10)

1.Institut organicheskoy khimii AN USSR.
(Phenazine) (Nitration)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S. B.

Chem

1-Hydroxyphenazines. VI. Halogen substituted 1-hydroxyphenazines. S. B. Serebryanyi and P. A. Yufa. *Ukrain. Khim. Zhur.* 22, 512-13(1956)(in Russian); cf. *C.A.* 49, 338f.—*o*-$MeOC_6H_4NO_2$, *p*-$BrC_6H_4NH_2$, and KOH in boiling C_6H_6 form principally 1-methoxy-8-bromophenazine (I), m. 209–10°, accompanied by a little 2-bromophenazine, m. 149–50°, and 1,8-dimethoxyphenazine, m. 148–50°, sepd. by chromatography on Al_2O_3. Demethylation of the corresponding Me ether with anhyd. $AlCl_3$ or 65% H_2SO_4 gave the following halogenated 1-hydroxyphenazines (substituent and m.p. given): 9-Cl, 167–8°; 8-Cl, 191–2°; 7-Cl, 203–4°; 8-Br, 107–8°. I. H. S.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, S.B.

SEREBRYANYY, S.B.

N-alkylphenazinones. Part 5. Ukr. khim. zhur. 23 no.3:358-361 '57.
(MLRA 10:9)

1. Institut organicheskoy khimii Akademii nauk Ukrainskoy SSR.
(Phenazinone)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

SEREBRYANYY, Saul Bentsionovich -- awarded sci degree of Doc Chem Sci for the 4 Dec 57 defense of dissertation: "Research in the field of the chemistry of phenazine" at the Council, Inst of Organic Chem, AS, UkSSR; Prot No 17, 21 Jun 58.

(BMVO, 12-58,21)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

BALITSKIY, K.P., kand.med.nauk; VORONTSOVA, A.L.; PRIDATKO, O.Ye.; SEREBRYANYY, S.B., doktor khim.nauk; CHERNETSKIY, V.P., kand.khim.nank; YURGANOVA, L.G.

Anticancerous action of the preparation neocide and some of its fractions. Vrach.delo no.9:927-930 S '59. (MIRA 13:2)

1. Laboratoriya kompensatornykh i zashchitnykh funktsiy (rukovoditel' - akad. AN USSR R.Ye. Kavetskiy) Instituta fiziologii imeni A.A. Bogomol'tsa AN USSR i laboratoriya organicheskogo sinteza (rukovoditel' - akademik AN USSR A.I. Kipriyanov) Instituta organicheskoy khimii AN USSR.

(ETHANE) (CANCER)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001548020010-0

73-3-13/24

AUTHOR: Serebryanyy, S. B.

TITLE: N-Alkylphenazinones. (N-Alkilfenazinony. V)

PERIODICAL: Ukrainskiy Khimicheskiy Zhurnal, 1957, Vol. 23, No.3, pp. 358-361 (USSR).

ABSTRACT: The synthesis of some alkyl-, halo and hydroxy-derivatives of 10-alkylphenazinone-1 analogues and homologues is described. These compounds are potential anti-tubercular agents. From a number of phenazinol-1 derivatives with alkyl-residues in the 8th position and from some halo-derivatives of phenazinol-1 the author, synthesised quaternary salts and a number of N-alkylphenazinones-1 by the action of dilute alkalis on the quaternary salts. The substituents in the benzene-ring, and at the N-atom, the yields, the dissociation temperatures and analytical data are tabulated. Dimethyl sulphate and diethyl sulphate are suitable for preparing the quaternary salts of alkyl-derivatives of phenazinol-1 with methyl and ethyl at the N-atom. For the synthesis of the quaternary salts of halo-derivatives of 1-hydroxyphenazine the author used an active alkylating agent (the ethyl ether of nitrobenzene sulphonic acid). When the ethyl ether of p-toluolsulphonic acid reacts the quaternary salt of 1,8-dihydroxyphenazine is obtained. The authors prepared

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N-Alkylphenazinone's.

and analysed the quaternary salt 1,8-dihydroxyphenazine with 8-hydroxy-10-ethylphenazinone-1. This compound was separated in the form of its iodide after boiling the aqueous solution of ethyl-p-toluolsulphonate of 1,8-dihydroxyphenazine. The N-alkyl-phenazinones-1 crystallise easily, are easily soluble in alcohol and chloroform, moderately soluble in benzene and practically insoluble in ether and in petroleum ether. Its water-solubility decreases with increasing complexity of the alkyl-residue in the benzene ring of phenazine. The halo-derivatives of 10-ethylphenazinone-1 are also sparingly soluble in water. They can be stored for considerable time and their aqueous solutions can be boiled. The homologues of dimethylphenazinone-1 as well as the compound itself decompose during storage and form derivatives of phenazinol-1. Thus, by the interaction of dimethylsulphate, diethylsulphate and the ethyl ether of o-nitrobenzene sulphonic acid with 1-hydroxyphenazines containing CH_3, C_2H_5, $CH(CH_3)_2C(CH_3$,OH groups and chlorine in the 8th position and also Cl and Br in the 7th position of the phenazine ring a number of quaternary salts were

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(Arginine)

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